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MPL Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22241a

Specification

MPL Antibody (N-Term) - Product Information

Application	**WB,E**
Primary Accession	P40238
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**71245**

MPL Antibody (N-Term) - Additional Information

Gene ID 4352

Other Names
Thrombopoietin receptor, TPO-R, Myeloproliferative leukemia protein, Proto-oncogene c-Mpl, CD110, MPL, TPOR

Target/Specificity
This MPL antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 133-166 amino acids from human MPL.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MPL Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

MPL Antibody (N-Term) - Protein Information

Name MPL

Synonyms TPOR

Function Receptor for thrombopoietin that acts as a primary regulator of megakaryopoiesis and

platelet production. May represent a regulatory molecule specific for TPO-R-dependent immune responses.

Cellular Location
Cell membrane; Single-pass type I membrane protein. Golgi apparatus. Cell surface

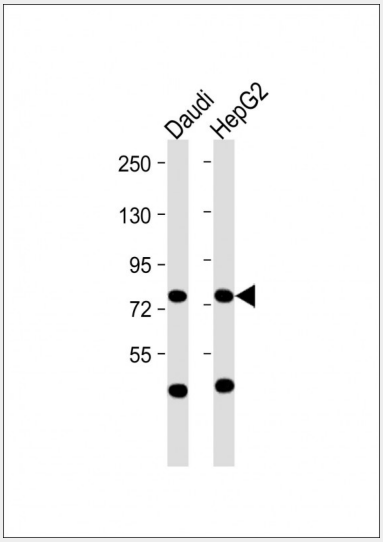
Tissue Location
Expressed at a low level in a large number of cells of hematopoietic origin. Isoform 1 and isoform 2 are always found to be coexpressed

MPL Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MPL Antibody (N-Term) - Images



All lanes : Anti-MPL Antibody (N-Term) at 1:2000 dilution Lane 1: Daudi whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 71 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MPL Antibody (N-Term) - Background

Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.

MPL Antibody (N-Term) - References

Vigon I.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:5640-5644(1992).
Mignotte V.,et al.Genomics 20:5-12(1994).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Saur S.J.,et al.Blood 115:1254-1263(2010).